

Certificate of Analysis

Date of Testing: 2022-03-05 16:17:46

Date of Next Testing: 2024-02-23 16:17:46

Product Name: (S)-(+)- α -Methoxy- α -trifluoromethylphenylacetyl chloride

CAS Number: 20445-33-4

Specifications & Purity: >98.0%(GC)

Lot #: C2204060

SKU #: M113469

Analysis: 080179

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] ₂₀ /D(c=2 in Toluene)	145-152 (°)	150.23 °
Refractive index n ₂₀ /D	1.467-1.47	1.47
Density (20°C)	1.354-1.357	1.35
Purity(GC)	98-100 (%)	99.47 %
Appearance (M113469)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager